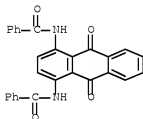


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***** QUERY RESULTS *****
(FORMULA (3a))

=> d ide 19

L9 ANSWER 1 OF 1 COPYRIGHT 1985 ACS on STN
RN 2987-68-0 LREGISTRY
CN Benzamide, N,N'-(9,10-dihydro-9,10-dioxo-1,4-anthracenediyl)bis- (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Anthraquinone, 1,4-dibenzamido- (6CI, 7CI)
CN Benzamide, N,N'-1,4-anthraquinonylenebis- (8CI)
OTHER NAMES:
CN 1,4-Bis(benzoylamino)-9,10-anthracenedione
CN 1,4-Bis(benzoylamino)anthraquinone
CN 1,4-Dibenzamidoanthraquinone
CN Benzadone Red 5G
CN C.I. 61650
CN C.I. Vat Red 42
CN Indanthren Red 5GK
CN N,N'-Dibenzoyl-1,4-diaminoanthraquinone
CN NSC 7228
CN Romantrene Red F5GK
MF C28 H18 N2 O4
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,
SPECINFO, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)



=> d his 125

(FILE 'HCAPLUS' ENTERED AT 12:02:12 ON 21 SEP 2009)
L25 38 S L24 AND (AY<2004 OR PY<2004 OR PRY<2004)
=> d que 125
L21 59 SEA FILE=HCAPLUS ABB=ON PLU=ON 2987-68-0/RN
L23 QUE ABB=ON PLU=ON COLOR? OR COLOUR? OR PIGMENT? OR DYE
? OR STAIN? OR PAINT? OR CHROMA# OR CHROMOGEN? OR CHROMOP
HOR? OR TINCT? OR TINT?
L24 41 SEA FILE=HCAPLUS ABB=ON PLU=ON L21 AND L23
L25 38 SEA FILE=HCAPLUS ABB=ON PLU=ON L24 AND (AY<2004 OR PY<2004
OR PRY<2004)

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(dyes from)

IT 873390-34-2P, Naphth[2,3-c]acridan-5,8,14-trione,
6-[5-benzamido-4-(5,14-dihydro-5,8,14-trioxonaphth[2,3-c]acridan-6-ylamino-
1-anthraquinonylamino)- 873404-73-0P, Nicotinamide,
N-[5,8-bis(1-anthraquinonylamino)-1-anthraquinonyl]- 875841-57-9P,
Anthraquinone, 1,4-bis(1-anthraquinonylamino)-5-p-chlorobenzamido-
RL: PREP (Preparation)
(preparation of)

=> d his nof

(FILE 'HOME' ENTERED AT 11:34:37 ON 21 SEP 2009)

FILE 'REGISTRY' ENTERED AT 11:34:54 ON 21 SEP 2009

```
L1      STRUCTURE UPLOADED
        D
L2      50 SEA SSS SAM L1
L3      STRUCTURE UPLOADED
        D
L4      3 SEA SSS SAM L3
        D SCA
L5      STRUCTURE UPLOADED
        D
L6      1 SEA SSS SAM L5
        D SCA
```

FILE 'STNGUIDE' ENTERED AT 11:40:08 ON 21 SEP 2009

FILE 'LREGISTRY' ENTERED AT 11:40:40 ON 21 SEP 2009

```
L7      89 SEA ABB=ON PLU=ON ?BENZAMIDO?/CNS
L8      4 SEA ABB=ON PLU=ON L7 AND ?ANTHRAQUINON?/CNS
        D SCA
        D STR RN 1
        D STR RN 2
        D STR RN 3
L9      1 SEA ABB=ON PLU=ON 2987-68-0/RN
        D IDE
```

FILE 'REGISTRY' ENTERED AT 11:47:19 ON 21 SEP 2009

```
L10     1 SEA ABB=ON PLU=ON 2987-68-0/RN
        D IDE
```

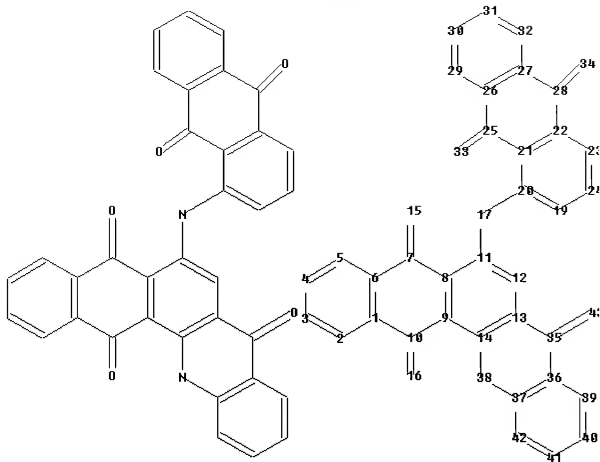
FILE 'LREGISTRY' ENTERED AT 11:49:07 ON 21 SEP 2009

```
L11     964 SEA ABB=ON PLU=ON ?BENZAMID?/CNS
L12     3 SEA ABB=ON PLU=ON L11 AND ?ANTHRACENYL?/CNS
        D SCA
L13     85 SEA ABB=ON PLU=ON ?ANTHRACENYL?/CNS
L14     0 SEA ABB=ON PLU=ON L13 AND ?OXONAPH?/CNS
L15     0 SEA ABB=ON PLU=ON L13 AND ?TRIOXONAPHTH?/CNS
L16     9 SEA ABB=ON PLU=ON L13 AND ?NAPHTH?/CNS
        D SCA
```

FILE 'REGISTRY' ENTERED AT 11:56:12 ON 21 SEP 2009

```
        D RSD STR 1-3 L2
L17     10848 SEA ABB=ON PLU=ON 2 2508.17/RID
L18     STRUCTURE UPLOADED
        D
```

Uploading L4.str



```

chain nodes :
15 16 17 33 34 43
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 19 20 21 22 23 24 25 26 27
28 29 30 31 32 35 36 37 38 39 40 41 42
chain bonds :
7-15 10-16 11-17 17-20 25-33 28-34 35-43
ring bonds :
1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 8-11 9-10 9-14 11-12 12-13
13-14 13-35 14-38 19-20 19-24 20-21 21-22 21-25 22-23 22-28 23-24 25-26
26-27 26-29
27-28 27-32 29-30 30-31 31-32 35-36 36-37 36-39 37-38 37-42 39-40 40-41
41-42
exact/norm bonds :
1-10 6-7 7-8 7-15 9-10 10-16 11-17 13-35 14-38 17-20 25-33 28-34 35-36
35-43 37-38
exact bonds :
21-25 22-28 25-26 27-28
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-11 9-14 11-12 12-13 13-14 19-20 19-24
20-21 21-22 22-23 23-24 26-27 26-29 27-32 29-30 30-31 31-32 36-37 36-39
37-42 39-40
40-41 41-42
isolated ring systems :
containing 1 : 19 :

```

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Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 19:Atom 20:Atom
 21:Atom 22:Atom
 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
 32:Atom 33:CLASS
 34:CLASS 35:Atom 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom
 43:CLASS

L19 1 SEA SSS SAM L18
 D SCA
 L20 25 SEA SSS FUL L18
 SAVE TEMP L20 NGU057REGL4/A

FILE 'HCAPLUS' ENTERED AT 12:02:12 ON 21 SEP 2009
 L21 59 SEA ABB=ON PLU=ON 2987-68-0/RN
 L22 11 SEA ABB=ON PLU=ON L21 AND 40/SC, SX
 L23 QUE ABB=ON PLU=ON COLOR? OR COLOUR? OR PIGMENT? OR DYE? OR
 STAIN? OR PAINT? OR CHROMA# OR CHROMOGEN? OR CHROMOPHOR? OR
 TINCT? OR TINT?
 L24 41 SEA ABB=ON PLU=ON L21 AND L23
 L25 38 SEA ABB=ON PLU=ON L24 AND (AY<2004 OR PY<2004 OR PRY<2004)
 L26 20 SEA ABB=ON PLU=ON L20
 L27 20 SEA ABB=ON PLU=ON L26 AND L23
 L28 19 SEA ABB=ON PLU=ON L27 AND (AY<2004 OR PY<2004 OR PRY<2004)
 L29 18 SEA ABB=ON PLU=ON L28 NOT L25
 SAVE TEMP L25 NGU057HCAP1/A
 SAVE TEMP L29 NGU057HCAP2/A

FILE 'STNGUIDE' ENTERED AT 12:08:32 ON 21 SEP 2009

FILE 'LREGISTRY' ENTERED AT 12:09:45 ON 21 SEP 2009
 D IDE L9

FILE 'STNGUIDE' ENTERED AT 12:09:46 ON 21 SEP 2009
 D QUE L25

FILE 'HCAPLUS' ENTERED AT 12:10:31 ON 21 SEP 2009
 D L25 1-38 IBIB ABS HITSTR HITIND

FILE 'STNGUIDE' ENTERED AT 12:10:39 ON 21 SEP 2009
 D QUE L29

FILE 'HCAPLUS' ENTERED AT 12:11:24 ON 21 SEP 2009
 D L29 1-18 IBIB ABS HITSTR HITIND

FILE 'STNGUIDE' ENTERED AT 12:11:29 ON 21 SEP 2009